

Converting Colors

YUV(109.6570, -43.2149,
47.6588)

Have a look what the booklet for
YUV(109.6570, -43.2149, 47.6588)
contains.

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Color

**YUV(109.6570, -43.2149,
47.6588)**

Conversions

Conversions Part 1

Format	Color
Hex	A46316
RGB	164, 99, 22
RGB Percent	64%, 39%, 9%
CMY	0.3569, 0.6118, 0.9137
CMYK	0.00, 0.40, 0.87, 0.36
HSL	33°, 76%, 36%
HSV	33°, 87%, 64%
XYZ	19.9165, 16.8741, 2.9664
YIQ	109.6570, 63.4570, -10.1670

Conversions

Conversions Part 2

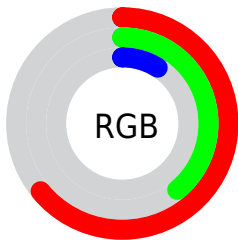
Format	Color
R_{YB}	142, 164, 22
Decimal	10773270
CIE _{Lab}	48.10, 20.68, 50.34
CIE _{LCh}	48, 54.423, 67.663
Yxy	16.8741, 0.5010, 0.4244
Android (android.graphics.Color)	4288963350 (0xFFA46316)
YUV	109.6570, -43.2149, 47.6588
Hunter-Lab	41.0781, 14.6580, 24.4732

Details

The YUV color **109.6570, -43.2149, 47.6588** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **76.3430, 43.2149, -47.6588**, and the grayscale version is **110.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **163.4620, -44.1048, 53.0918**, and **62.5170, -30.8209, 39.0116** is the 20% darker color. If you saturate the color by 10%, you get **103.1370, -47.8885, 53.3769**, and if you desaturate by 10%, it is **116.1770, -38.5413, 41.9408**.

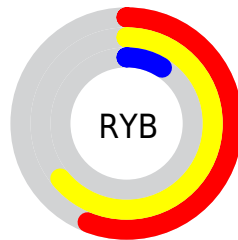
Distribution



Red (64%)

Green (39%)

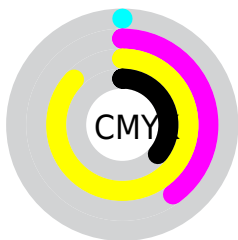
Blue (9%)



Red (56%)

Yellow (64%)

Blue (9%)

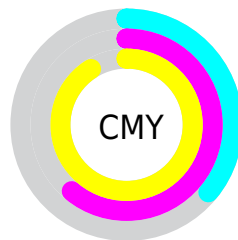


Cyan (0%)

Magenta (40%)

Yellow (87%)

Black (36%)



Cyan (36%)

Magenta (61%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the YUV color 109.6570, -43.2149, 47.6588 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 109.6570, -43.2149, 47.6588 by changing the saturation by 10% instead.

■ 109.6570,
-43.2149, 47.6588

■ 109.6570,
-43.2149, 47.6588

■ 255.0000, 0.0000,
0.0000

■ 84.3900, -41.6043,
44.3850

■ 163.4620,
-44.1048, 53.0918

■ 62.5170, -30.8209,
39.0116

■ 191.1310,
-45.4206, 55.1361

■ 40.9320, -20.1795,
32.5086

■ 210.2430,
-42.0248, 39.2519

■ 20.8310, -10.2697,
27.3352

■ 230.3440,
-38.6236, 21.6233

■ 7.5890, -3.2484,
15.2694

■ 246.3360,
-33.1966, 7.5983

■ 0.0000, 0.0000,
0.0000

■ 249.5280,

-20.9663, 4.7989

252.8340, -8.2992,
1.8996

109.6570,
-43.2149, 47.6588

109.6570,
-43.2149, 47.6588

103.1370,
-47.8885, 53.3769

116.1770,
-38.5413, 41.9408

101.2790,
-49.9305, 55.0063

122.2240,
-33.1414, 36.6376

128.7440,
-28.4678, 30.9195

134.7910,
-23.0680, 25.6163

141.3110,
-18.3943, 19.8983

■ 147.2440,
-13.4313, 14.6950

■ 153.8780, -8.3209,
8.8770

■ 159.8110, -3.3578,
3.6738

■ 166.4450, 1.7526,
-2.1443

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



110.0230, -24.6613, 70.1398



109.6570, -43.2149, 47.6588



105.7660, -52.1426, 17.7452

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



109.6570, -43.2149, 47.6588



94.0820, 15.2426, -82.5099



117.4260, 34.3000, 11.9044

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



109.6570, -43.2149, 47.6588



76.3430, 43.2149, -47.6588

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



92.1740, 56.1162, -79.0826



109.6570, -43.2149, 47.6588



97.9240, 35.0405, -85.8793

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



109.6570, -43.2149, 47.6588



86.8490, -4.8556, -76.1666



97.8220, 49.8808, -85.7899



114.9340, 17.2875, 55.3089

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



109.6570, -43.2149, 47.6588



103.4730, -41.1522, -7.4308



97.8220, 49.8808, -85.7899



115.0860, 39.8906, -7.9684

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



109.6570, -43.2149, 47.6588



193.0550, -16.7891, 18.3688



71.9820, 7.8969, 80.6998



94.4330, -10.0735, 11.0213



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



109.6570, -43.2149, 47.6588



132.0780, -65.1145, 71.8456



146.3170, -61.2883, 11.1230



78.6260, -2.7736, 2.9590



89.7280, -44.2359, 48.4735



11.2520, -5.5472, 5.9180

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



76.3430, 43.2149, -47.6588



81.9220, 65.1145, -71.8456



39.6830, 61.2883, -11.1230



76.3740, 2.7736, -2.9590



55.8590, 43.9465, -48.9883



6.7480, 5.5472, -5.9180

Previews

White Background



This preview shows how the YUV color 109.6570, -43.2149, 47.6588 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 109.6570, -43.2149, 47.6588 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 109.6570, -43.2149, 47.6588

Background



This preview shows how black text looks on a background with the YUV color 109.6570, -43.2149, 47.6588.



This preview shows how white text looks on a background with the YUV color 109.6570, -43.2149, 47.6588.

47.6588.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

109.6570, -43.2149, 47.6588

Protanopia

109.0400, -40.9387, 17.5049

Deuteranopia

109.0480, -46.3657, 31.5299



Tritanopia

115.5220, -8.1453, 46.0232

Trichromacy



Original Color

109.6570, -43.2149, 47.6588

Protanomaly

109.2910, -41.5555, 28.6858

Deuteranomaly

109.1350, -44.9296, 37.5926

Tritanomaly

113.7920, -21.0965, 46.6634

Monochromacy



Original Color

109.6570, -43.2149, 47.6588

Achromatopsia

110.0000, 0.0000, 0.0000

Achromatomaly

109.9840, -15.7681, 17.5540

CSS Examples

Text

The CSS property to change the color of the text to YUV 109.6570, -43.2149, 47.6588 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(164, 99, 22)` looks like.

```
.text, #text, p{  
    color:rgb(164, 99, 22)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(164, 99, 22) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 99, 22) }
```

Border

The CSS property to change the border of an element to YUV 109.6570, -43.2149, 47.6588 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(164, 99, 22) }
```


If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(164, 99, 22) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(164, 99, 22) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 99, 22); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 99, 22);  
box-shadow:4px 4px 4px 4px rgb(164, 99,  
22) }
```

Background

The CSS property to change the background color of an element to YUV 109.6570, -43.2149, 47.6588 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 99, 22) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(164, 99,  
22) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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